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## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

1(Previously Amended). A golf ball comprising:

a core;

a cover disposed on the core, the cover composed of a material selected from the group consisting of ionomers, polyurethane and blends thereof, the cover having a surface; and,

a primer coat disposed on the surface of the cover, the primer coat comprising a leuco dye system, leuco dye system is capable of indicating whether the golf ball is above or below a predetermined temperature.

2-4(Canceled).

5(Original). The golf ball of claim1, wherein the cover comprises at least one inner cover layer and at least one outer cover layer.

6(Original). The golf ball of claim 1, further comprising a temperature indicating mark printed on the cover.

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7(Original). The golf ball of claim 1, wherein the core comprises at least an inner core and a core layer surrounding the inner core.

8-20(Canceled).